

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111524\
 Data File : BF140415.D
 Acq On : 15 Nov 2024 20:17
 Operator : RC/JU
 Sample : P4851-01 10X
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OK-02-11142024

Quant Time: Nov 15 22:15:29 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF111324.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 13 14:40:06 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

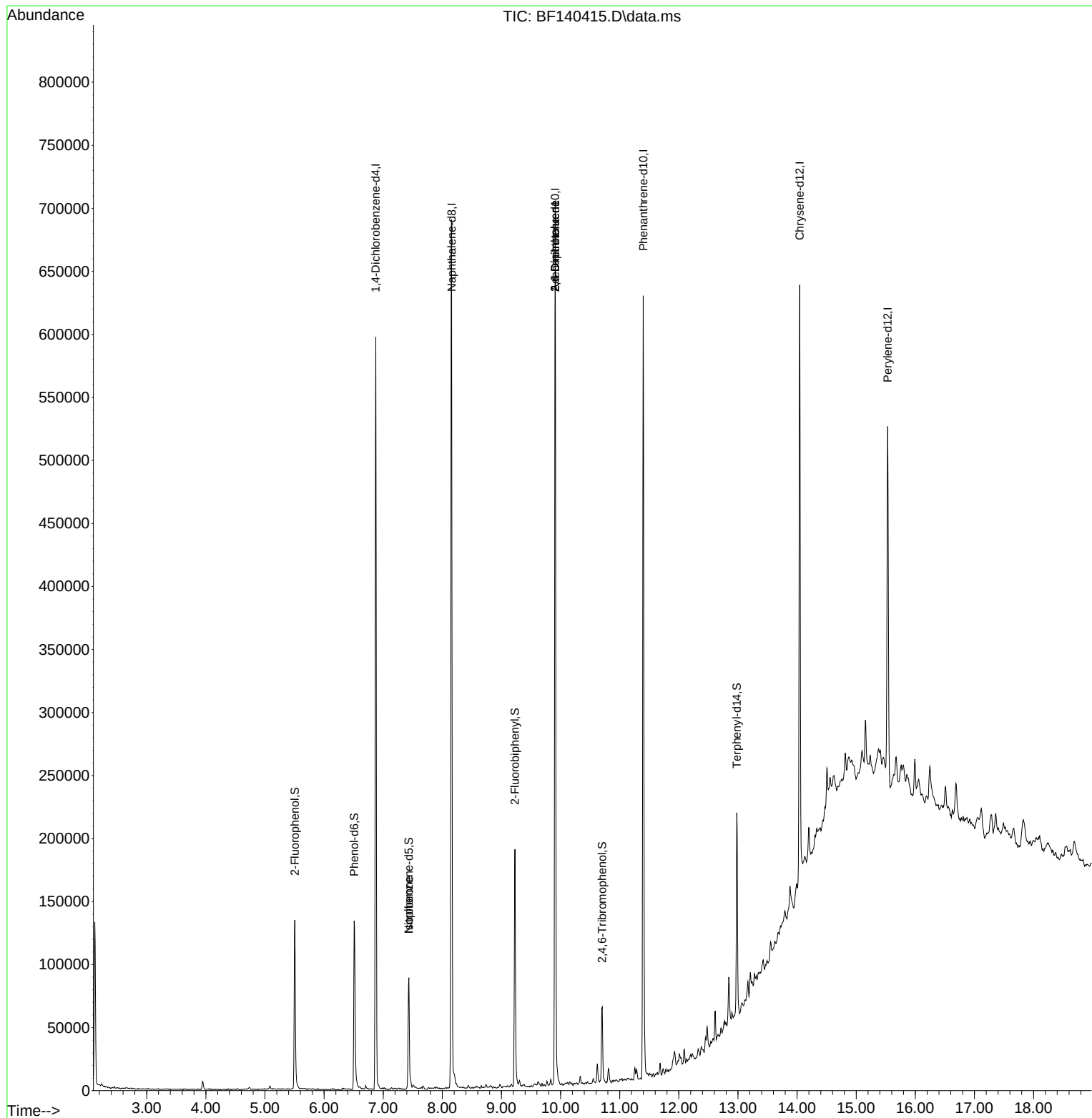
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	127176	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	459487	20.000	ng	0.00
39) Acenaphthene-d10	9.910	164	213467	20.000	ng	0.00
64) Phenanthrene-d10	11.398	188	336309	20.000	ng	0.00
76) Chrysene-d12	14.045	240	219512	20.000	ng	0.00
86) Perylene-d12	15.533	264	161318	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	57510	7.721	ng	0.01
7) Phenol-d6	6.510	99	76331	7.564	ng	0.00
23) Nitrobenzene-d5	7.434	82	44273	5.020	ng	0.00
42) 2,4,6-Tribromophenol	10.704	330	10820	5.097	ng	0.00
45) 2-Fluorobiphenyl	9.228	172	92644	6.977	ng	0.00
79) Terphenyl-d14	12.980	244	77944	6.163	ng	0.00
Target Compounds						
					Qvalue	
25) Isophorone	7.434	82	41583	2.661	ng	# 66
51) 2,6-Dinitrotoluene	9.910	165	27940	8.808	ng	# 22
57) 2,4-Dinitrotoluene	9.910	165	27940	6.693	ng	# 20

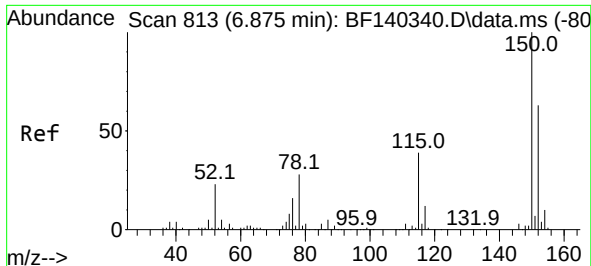
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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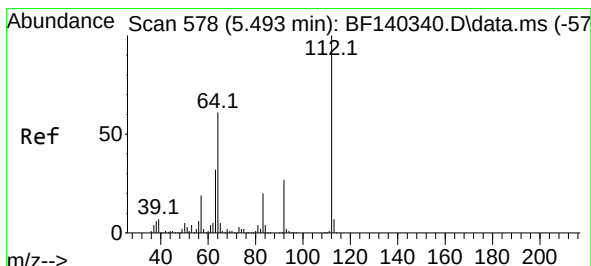
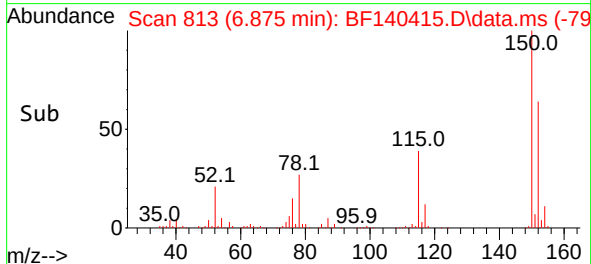
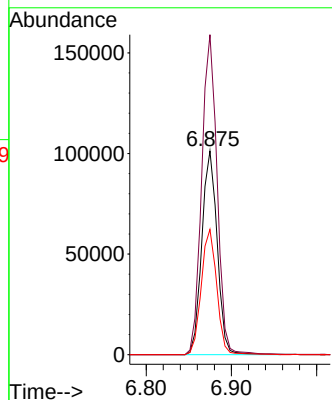
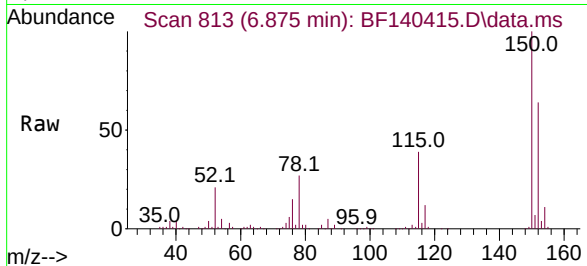




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF140415.D
Acq: 15 Nov 2024 20:17

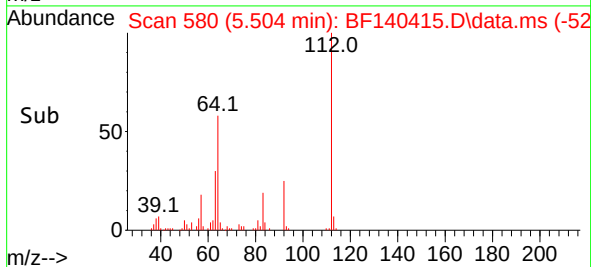
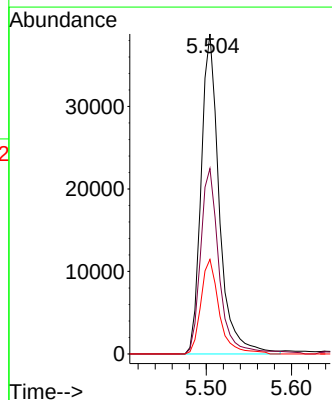
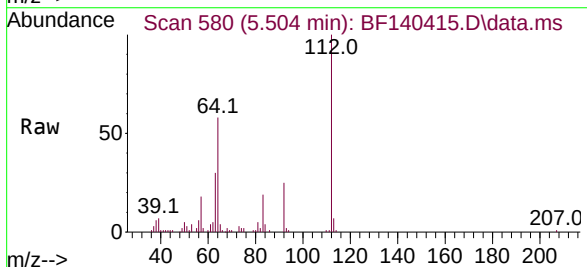
Instrument :
BNA_F
ClientSampleId :
OK-02-11142024

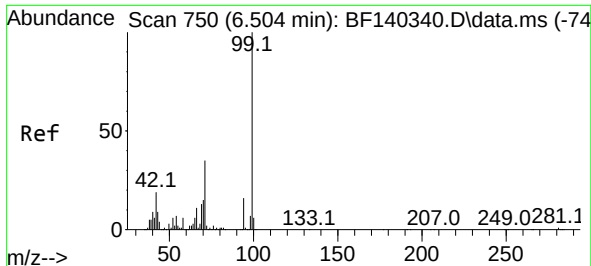
Tgt Ion:152 Resp: 127176
Ion Ratio Lower Upper
152 100
150 157.0 127.4 191.0
115 61.5 47.4 71.2



#5
2-Fluorophenol
Concen: 7.721 ng
RT: 5.504 min Scan# 580
Delta R.T. 0.012 min
Lab File: BF140415.D
Acq: 15 Nov 2024 20:17

Tgt Ion:112 Resp: 57510
Ion Ratio Lower Upper
112 100
64 57.9 49.2 73.8
63 29.5 25.6 38.4

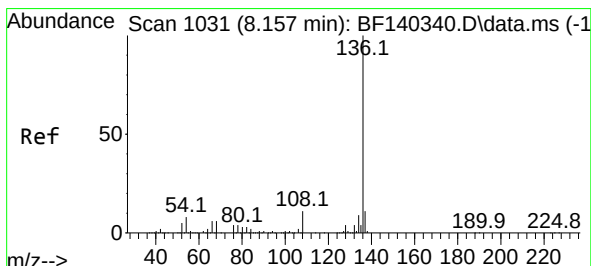
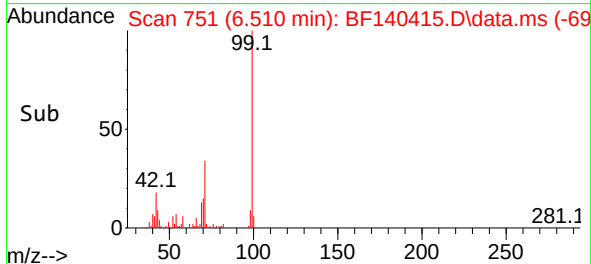
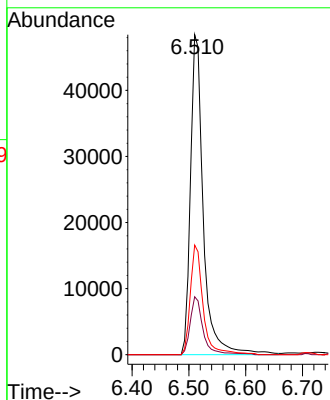
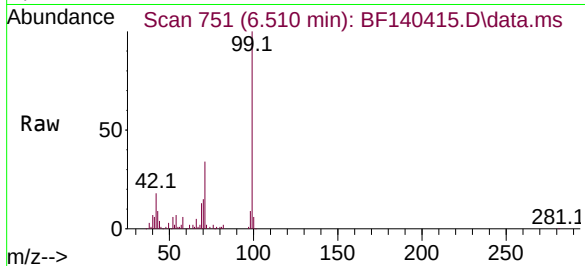




#7
Phenol-d6
Concen: 7.564 ng
RT: 6.510 min Scan# 71
Delta R.T. 0.006 min
Lab File: BF140415.D
Acq: 15 Nov 2024 20:17

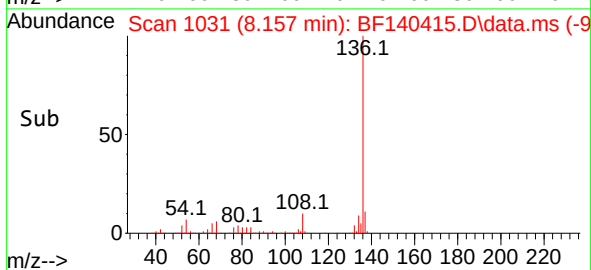
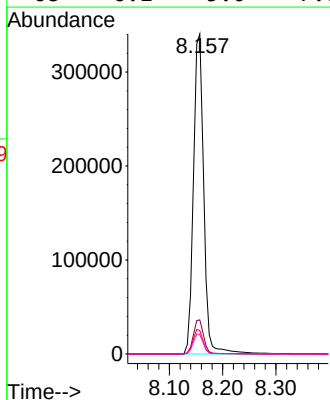
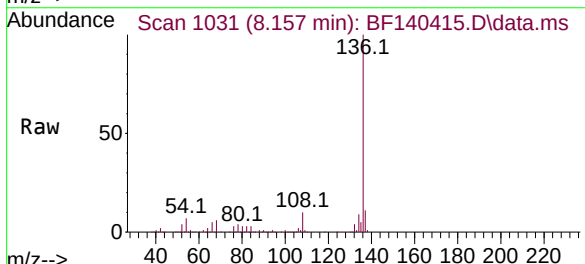
Instrument :
BNA_F
ClientSampleId :
OK-02-11142024

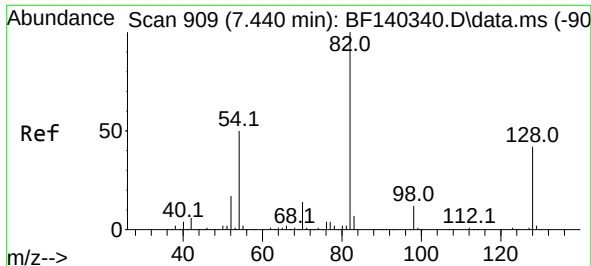
Tgt Ion: 99 Resp: 76331
Ion Ratio Lower Upper
99 100
42 18.1 15.1 22.7
71 34.2 27.9 41.9



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.157 min Scan# 1031
Delta R.T. -0.000 min
Lab File: BF140415.D
Acq: 15 Nov 2024 20:17

Tgt Ion: 136 Resp: 459487
Ion Ratio Lower Upper
136 100
137 10.6 8.7 13.1
54 7.3 6.5 9.7
68 6.1 5.0 7.6

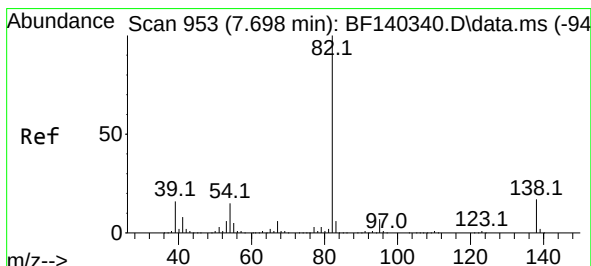
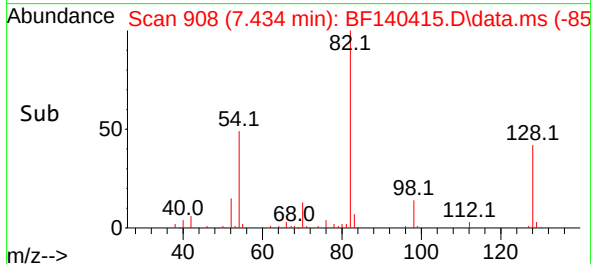
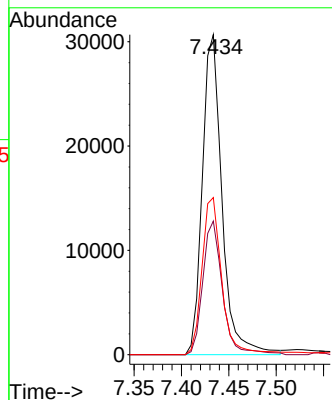
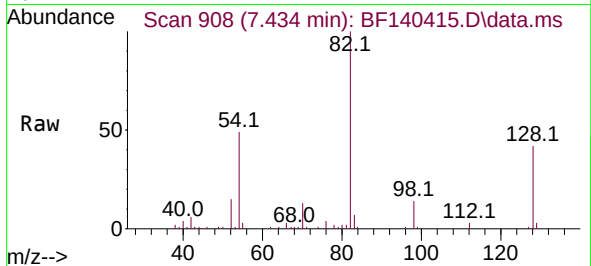




#23
Nitrobenzene-d5
Concen: 5.020 ng
RT: 7.434 min Scan# 908
Delta R.T. -0.006 min
Lab File: BF140415.D
Acq: 15 Nov 2024 20:17

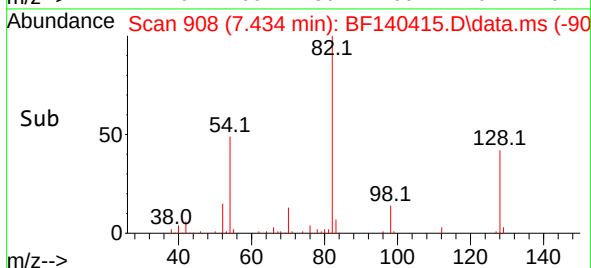
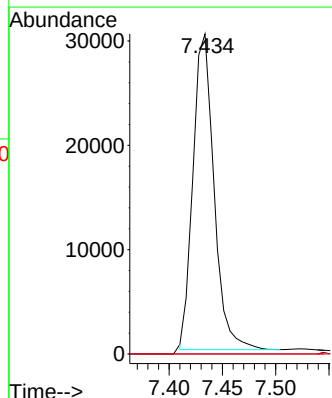
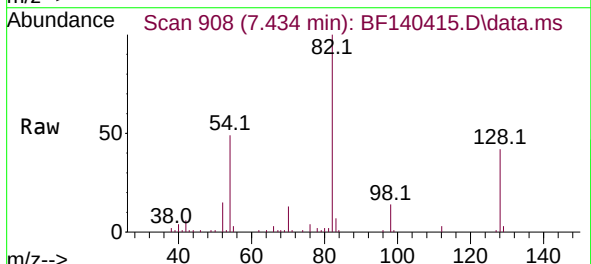
Instrument :
BNA_F
ClientSampleId :
OK-02-11142024

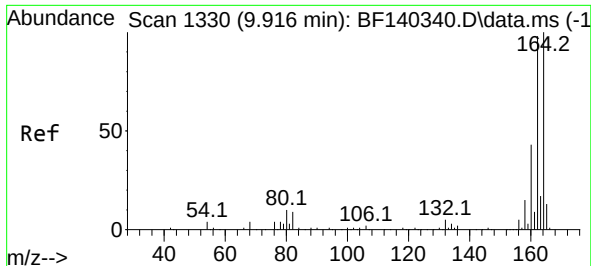
Tgt Ion: 82 Resp: 44273
Ion Ratio Lower Upper
82 100
128 41.7 33.3 49.9
54 49.1 39.8 59.8



#25
Isophorone
Concen: 2.661 ng
RT: 7.434 min Scan# 908
Delta R.T. -0.265 min
Lab File: BF140415.D
Acq: 15 Nov 2024 20:17

Tgt Ion: 82 Resp: 41583
Ion Ratio Lower Upper
82 100
95 0.0 5.9 8.9#
138 0.0 13.4 20.2#

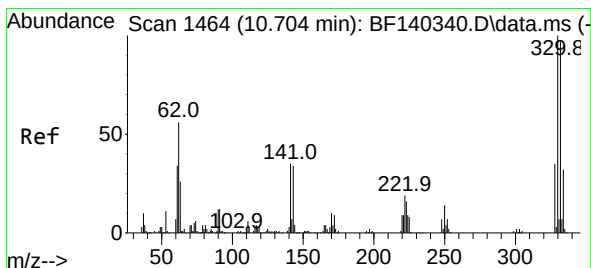
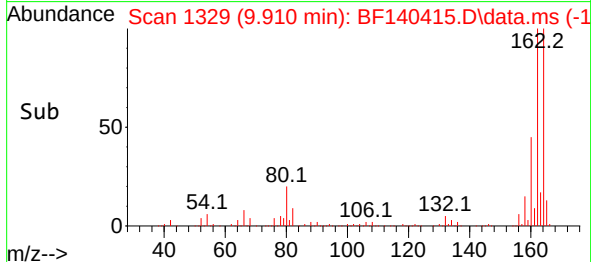
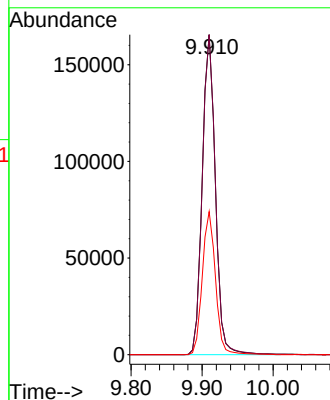
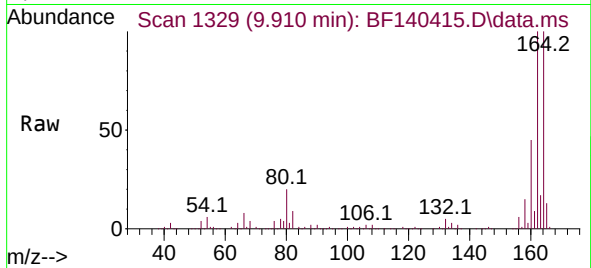




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.910 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF140415.D
Acq: 15 Nov 2024 20:17

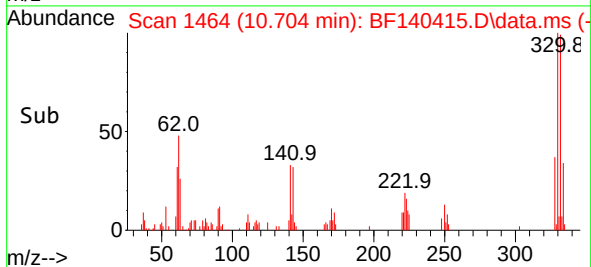
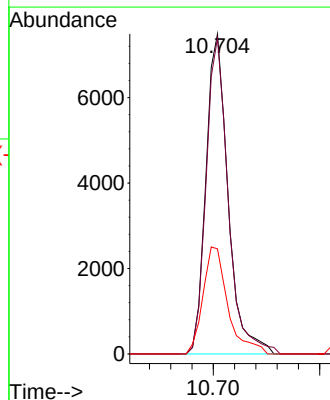
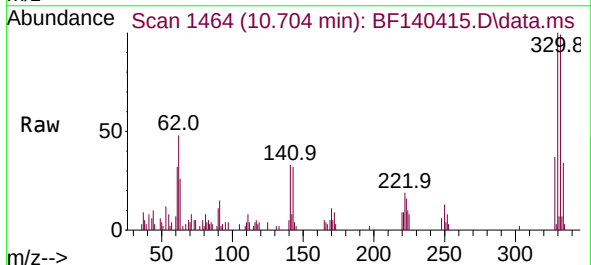
Instrument :
BNA_F
ClientSampleId :
OK-02-11142024

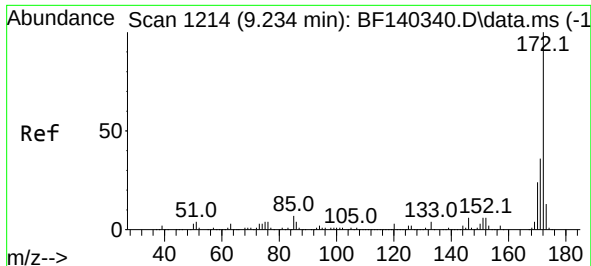
Tgt Ion:164 Resp: 213467
Ion Ratio Lower Upper
164 100
162 100.0 79.8 119.8
160 44.7 35.4 53.0



#42
2,4,6-Tribromophenol
Concen: 5.097 ng
RT: 10.704 min Scan# 1464
Delta R.T. -0.000 min
Lab File: BF140415.D
Acq: 15 Nov 2024 20:17

Tgt Ion:330 Resp: 10820
Ion Ratio Lower Upper
330 100
332 98.3 75.9 113.9
141 37.5 26.9 40.3





#45

2-Fluorobiphenyl

Concen: 6.977 ng

RT: 9.228 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF140415.D

Acq: 15 Nov 2024 20:17

Instrument :

BNA_F

ClientSampleId :

OK-02-11142024

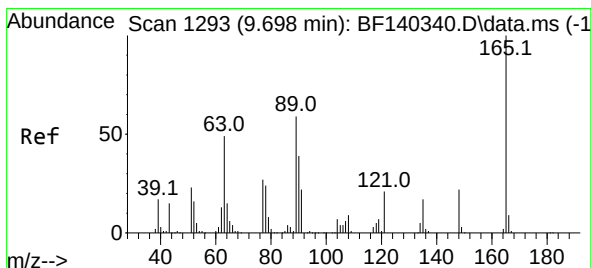
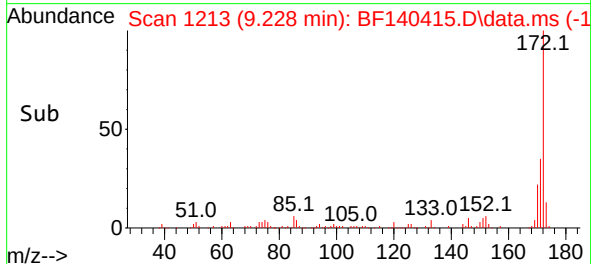
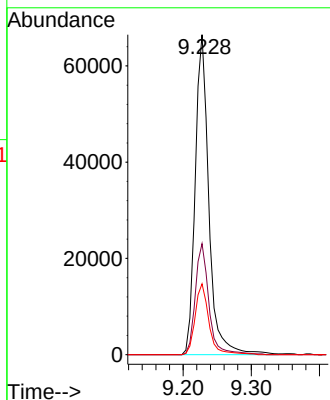
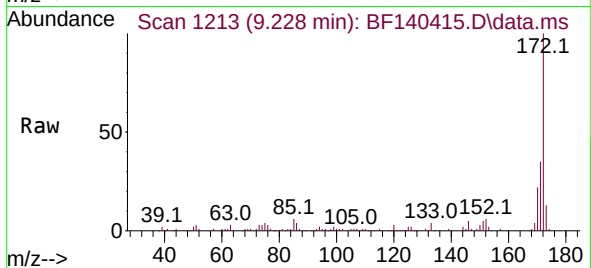
Tgt Ion:172 Resp: 92644

Ion Ratio Lower Upper

172 100

171 34.7 28.5 42.7

170 22.2 19.1 28.7



#51

2,6-Dinitrotoluene

Concen: 8.808 ng

RT: 9.910 min Scan# 1329

Delta R.T. 0.212 min

Lab File: BF140415.D

Acq: 15 Nov 2024 20:17

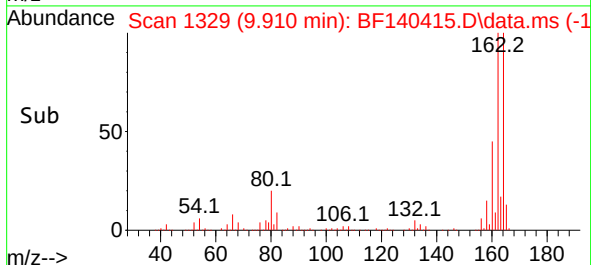
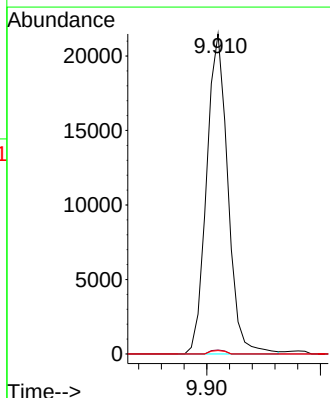
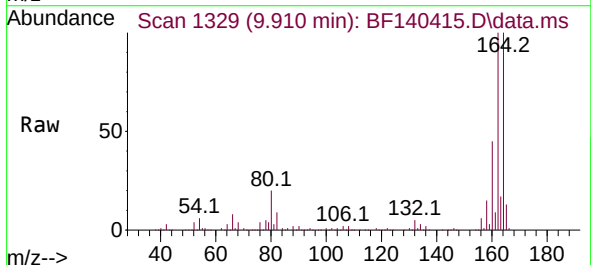
Tgt Ion:165 Resp: 27940

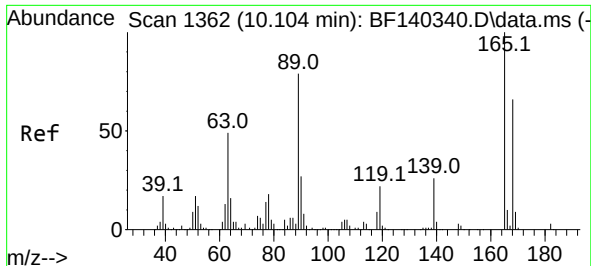
Ion Ratio Lower Upper

165 100

63 1.3 47.6 71.4#

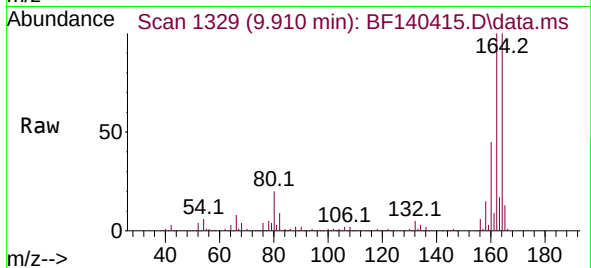
89 1.1 48.1 72.1#



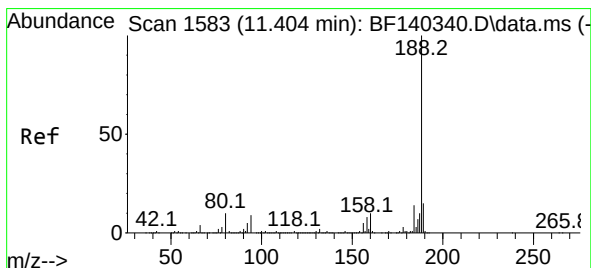
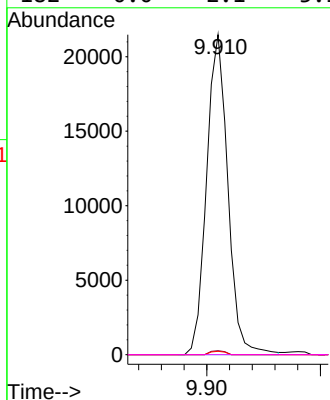
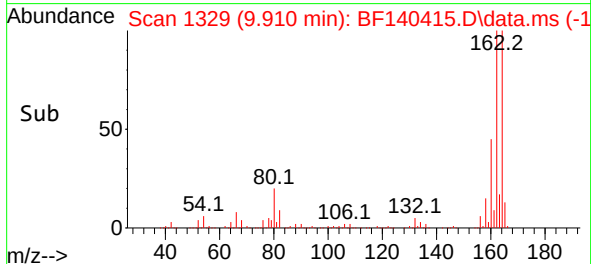


#57
2,4-Dinitrotoluene
Concen: 6.693 ng
RT: 9.910 min Scan# 11
Delta R.T. -0.194 min
Lab File: BF140415.D
Acq: 15 Nov 2024 20:17

Instrument :
BNA_F
ClientSampleId :
OK-02-11142024

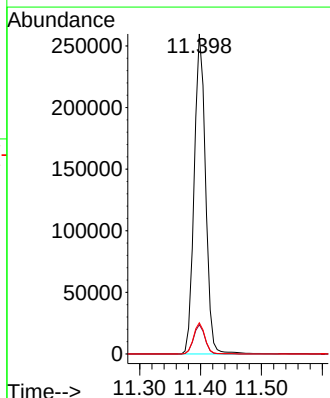
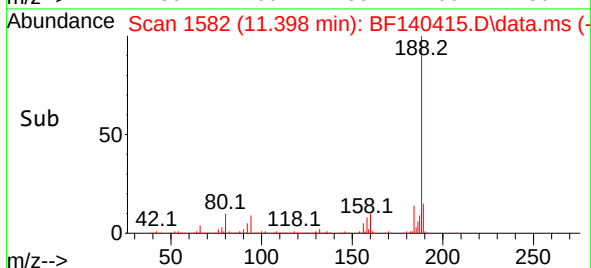
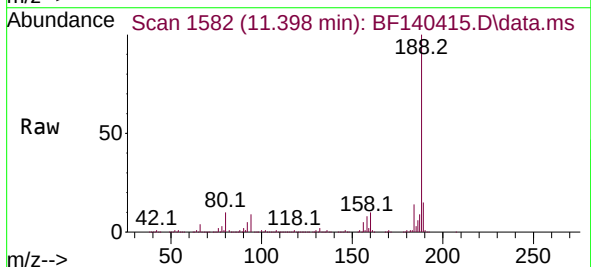


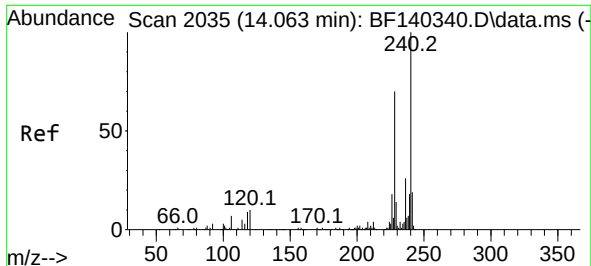
Tgt Ion:165 Resp: 27940
Ion Ratio Lower Upper
165 100
63 1.3 39.4 59.0#
89 1.1 62.4 93.6#
182 0.0 2.1 3.1#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.398 min Scan# 1582
Delta R.T. -0.006 min
Lab File: BF140415.D
Acq: 15 Nov 2024 20:17

Tgt Ion:188 Resp: 336309
Ion Ratio Lower Upper
188 100
94 9.2 7.6 11.4
80 9.8 8.0 12.0

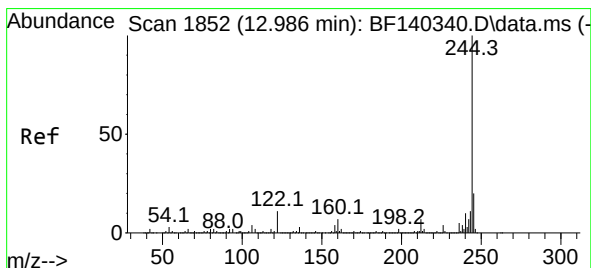
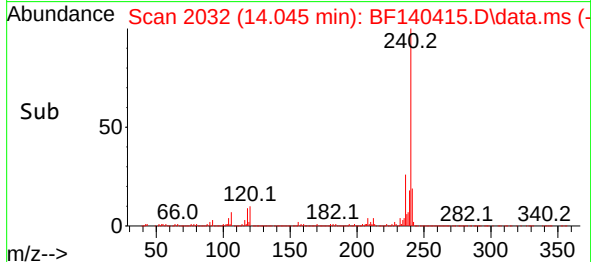
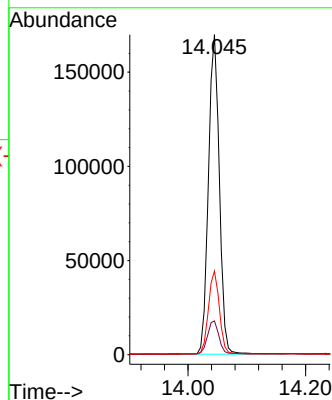
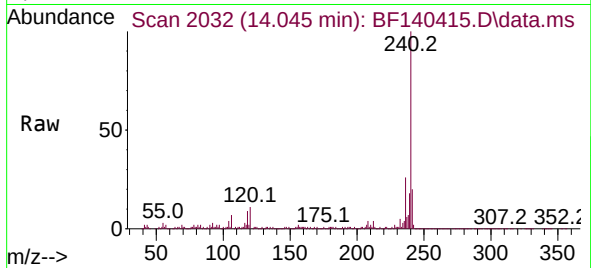




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.045 min Scan# 2035
Delta R.T. -0.006 min
Lab File: BF140415.D
Acq: 15 Nov 2024 20:17

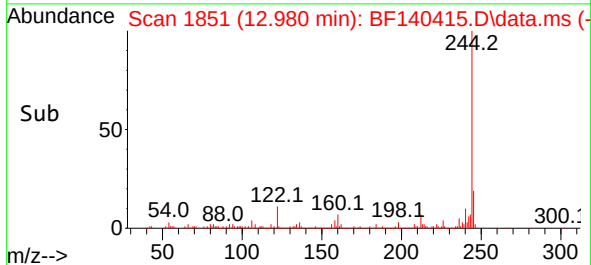
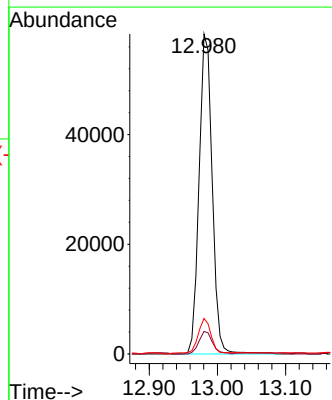
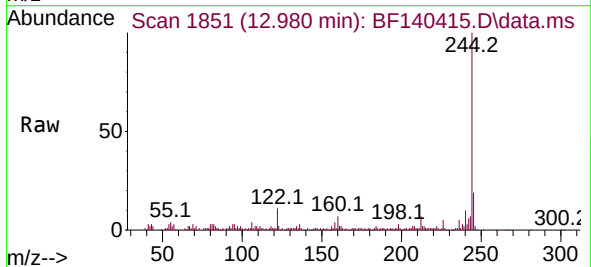
Instrument :
BNA_F
ClientSampleId :
OK-02-11142024

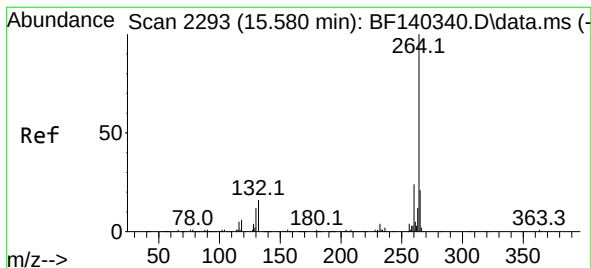
Tgt Ion:240 Resp: 219512
Ion Ratio Lower Upper
240 100
120 10.6 8.8 13.2
236 26.2 20.9 31.3



#79
Terphenyl-d14
Concen: 6.163 ng
RT: 12.980 min Scan# 1851
Delta R.T. -0.006 min
Lab File: BF140415.D
Acq: 15 Nov 2024 20:17

Tgt Ion:244 Resp: 77944
Ion Ratio Lower Upper
244 100
212 7.0 5.8 8.8
122 11.1 8.8 13.2





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.533 min Scan# 21

Delta R.T. -0.024 min

Lab File: BF140415.D

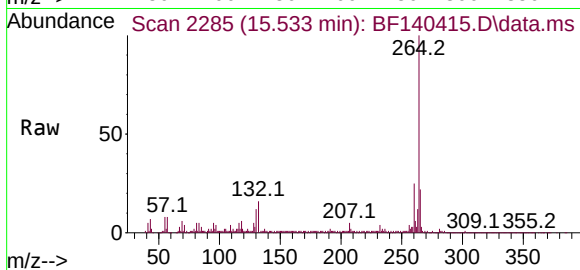
Acq: 15 Nov 2024 20:17

Instrument :

BNA_F

ClientSampleId :

OK-02-11142024



Tgt Ion:264 Resp: 161318

Ion Ratio Lower Upper

264 100

260 24.5 19.2 28.8

265 21.8 17.1 25.7

